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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/886,550	06/21/2001	Stephen L. Clark	4524B	8232
23466	7590	11/01/2004	EXAMINER	
FCI USA INC			VU, HIEN D	
INTELLECTUAL PROPERTY LAW DEPARTMENT			ART UNIT	
825 OLD TRAIL ROAD			PAPER NUMBER	
ETTERS, PA 17319			2833	

DATE MAILED: 11/01/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/886,550

Applicant(s)

CLARK ET AL.

Examiner

Hien D. Vu

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 July 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 65-71, 73 and 74 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 65-71, 73 and 74 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 7/19/04 & 5/13/04
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

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1. Claims 69 and 74 are objected to because in claim 69, lines 1-2, "said heat dissipation channel" lacks an antecedent basis; claim 74, line 6, "each" should be – one – and line 11, it is unclear what "a substantial portion" is referred to.
2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

3. (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
4. Claims 65-71 and 73-74 are rejected under 35 U.S.C. 102(b) as being anticipated by Millhimes.

The disclosure of Fusselman discloses a complete response to each and every element set forth in the claims. For example: Figs. 1-8 show an insulative body 12 comprising a mating surface 14 having an opening (not shown), a second surface 20 positioned generally perpendicular to the mating surface, a contact receiving cavity 34 extending from the opening and along at least one portion of the second surface, and a heat dissipation opening (not labeled) formed in the second surface and being fluidly connected to the contact receiving cavity.

As to claim 67, an electrical conductive contact 76 positioned in the cavity 34 having two spaced apart contact walls (78, 80).

As to claims 68-69, at least one of spaced apart contact walls 80 spaced away from adjacent housing structure and bounding the contact receiving cavity as shown in fig. 7.

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As to claims 70-71, fig. 1 shows a lateral positioning element 88 spacing away from the housing structure.

Claims 73-74 are substantially corresponding to the connector of claims 63-71, therefore they are rejected under the same rationale.

5. Andrews et al, Fusselman et al and Donahue et al are cited for disclosure of electrical connectors having an opening on a wall.

6. The rejection of claims 65-74 under 35 USC 112, first paragraph is withdrawn.

7. Applicant's arguments with respect to claims 65-71 and 73-74 have been considered but are moot in view of the new ground(s) of rejection.

8. Any inquiry concerning this communication should be directed to Hien Vu at telephone number (571) 272-2016.

Vu/ds

10/07/04



HIEN VU
PRIMARY EXAMINER